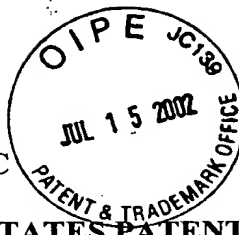


DOCKET NO.: 0039-7444-0TTC



"RESPONSE UNDER 37 CFR 1.116-
EXPEDITED PROCEDURE EXAMINING
GROUP 1745"

#12/cnk
7.25.22

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

Masahiro SAITOU, et al.

: GROUP ART UNIT: 1745

SERIAL NO.: 09/448,144

:

FILED: November 24, 1999

: EXAMINER: J. MERCADO

FOR: SEPARATOR OF PROTON EXCHANGE FUEL CELL AND ITS
MANUFACTURING METHOD

**OK to Enter
Do Not Enter**

AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Action dated April 15, 2002, please reconsider the
application in view of the following amendment and remarks.

IN THE CLAIMS

Please amend the Claims as follows.

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TC 1700

1. (Three Times Amended) A proton exchange fuel cell, comprising:

a separator which comprises

a separator substrate; and

a multi-coating layer formed on said separator substrate;

wherein said multi-coating layer comprises at least two layers selected from the group
consisting of a low electric resistance layer, a corrosion resistance layer and a peeling
resistance layer;

wherein a material of said low electric resistance layer has an electric resistance of
equal to or lower than 1000 $\mu\Omega\text{cm}^2$.

{ R of C material used for
substrate